

III. REMARKS

Claims 1-17 are not unpatentable over Delprat in view of Lenzo under 35 U.S.C. §103(a).

The Examiner acknowledges that Delprat does not disclose at least one feature claimed by Applicant which is that the "Access point" is arranged to schedule the transmission period of at least one "terminal of said second group" to "overlap" with the transmission period of the first broadcast message." Combining Lenzo with Delprat does not overcome at least this deficiency.

Lenzo states, in Col. 3, lines 28-67, that a "first subset" of base stations uses a "first partition" of a TDMA frame for transmission of "information signals" to mobile stations and the "second partition" of the TDMA frame for reception of "information signals" from mobile stations. A "second subset" of base stations uses the "first partition" of each TDMA frame "exclusively" for reception of information signals from mobile station and uses the second partition of each TDMA frame for transmission of information signals to mobile stations. This is not what is recited by Applicant in the claims.

Claim 1 recites using an "access point" while Lenzo discloses the use of a base station "cluster" that has at least a "first subset of base stations" and a "second subset of base stations." (Col. 3, lines 52-64). Thus, Lenzo clearly does not use "an access point" as claimed by Applicant, but rather, at least two. One cannot equate a "first subset of base stations" and a "second subset of base stations" in a base station "cluster" with an "access point" as described and claimed by Applicant. The Examiner is referred to FIG. 5 of Lenzo, which shows the "timing relationship" between "base stations." The reference clocks are offset for these groups of "base stations", B40a and B40b. This is clearly not the same as the single access point entity, described and claimed by Applicant, that is able to work in duplex mode, and transmit and receive simultaneously on different frequencies. Thus, there is at least this difference between what is claimed by Applicant and the disclosure of Lenzo.

The Examiner states that Lenzo discloses that a base station is arranged to schedule the "transmission period of one group of terminals" to overlap with the "second group of terminals." This however, is not what is claimed by Applicant. Applicant's claim recites that the "access point" is arranged to schedule the transmission period of a least one "terminal of the second group" to overlap with the transmission period of the "first broadcast message." Thus, Applicant is not claiming that the transmission period of at least one terminal of the second group overlaps with the transmission period of at least one terminal of the first group as stated by the Examiner. It is the transmission period of a terminal of the second group that overlaps with the transmission period of the first broadcast message. Thus, at least this feature claimed by Applicant cannot be disclosed or suggested by the combination of Delprat and Lenzo.

Applicant respectfully re-submits that there is no motivation to combine references for the reasons stated in the prior response. The Examiner states that Delprat disclosed in Col. 6, lines 4-18 that wireless terminals are arranged in groups to receive simultaneous broadcast messages, transmitted from an access point to the groups. There is no disclosure here related to receiving simultaneous broadcast messages transmitted from an access point to a group. All this section of Delprat discloses is that the mobile stations are divided into groups. Common frequencies exist for the up link direction and the down link direction. Only one mobile station of a group can send at a time. A mobile station cannot send and receive simultaneously. There is nothing here or elsewhere that discloses that terminals are arranged as groups to receive simultaneous broadcast messages transmitted from an access point as claimed by Applicant.

The Examiner states that Delprat, in Col. 6, lines 4-18, discloses terminals arranged as groups that receives simultaneous (overlapping) broadcast messages transmitted from an access point. However, all that Delprat discloses here is that only one mobile station of a group can send at a time. Other stations are in receive mode. Base station can simultaneously send to some mobile stations and receive from others. There is no disclosure here of a broadcast message as claimed by Applicant.

The Examiner also states that Lenzo, in Col. 3, lines 28-67 discloses broadcasting control messages simultaneously from an access point. There is no such disclosure in Lenzo. What Lenzo does disclose is base station clusters where each base station can communicate with mobile stations. Each base station in the first cluster can use the first partition of each TDMA frame for transmission of information signals to mobile stations. Each base station in the second base station cluster uses the first partition of each TDMA for reception of information signals and the second partition for transmission of information signals. (Col. 3, lines 41-52). What this does not say, however, is broadcasting control messages simultaneously to radio terminals from an access point as stated by the Examiner.

Thus, neither Delprat nor Lenzo disclose transmitting broadcast messages from an access point as claimed by Applicant.

The Examiner also states that Delprat discloses simultaneously transmitting broadcast messages to wireless terminals from a "single" access point, referring to Col. 5, lines 55-67. Rather, all that is disclosed here is one cell of a network, where the mobile stations set up calls via a base station SB covering the cell. There is absolutely no disclosure here related to the simultaneous transmission of broadcast messages to wireless terminals as alleged by the Examiner.

The Examiner refers to Lenzo, Col. 3, lines 28/67 in support of this position as well. However, as noted above, this section of Lenzo discloses the use of base station clusters, and not what is claimed by Applicant.

Thus, the combination of Delprat and Lenzo does not and cannot disclose each feature recited by Applicant in the claims.

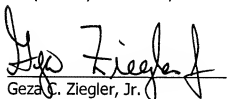
Further, the combination of Delprat and Lenzo does not disclose or suggest using multicast or broadcast messages for signaling purposes as described by Applicant. Lenzo does not disclose or suggest how the "information signals" are constructed and is silent as to the information signals being broadcast signals that the base stations would

send targeted simultaneously to multiple listening mobile terminals (e.g. groups of terminals). Moreover, the term "information signal" is used in Lenzo for describing transmission in the uplink and downlink directions. There is nothing in Lenzo that discloses or suggests that these information uplink and downlink information signals are different from each other. In Lenzo the uplink and downlink timeslot structures are symmetrical and all timeslots in one direction are alike. (See Col. 6, L. 2 – Col. 7, L. 18).

Therefore, reconsideration of the rejection of the claims is solicited.

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Respectfully submitted,



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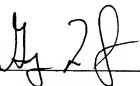
23 October 2007
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